```
(FILE 'HOME' ENTERED AT 13:26:51 ON 03 MAR 2004)
      FILE 'REGISTRY' ENTERED AT 13:27:40 ON 03 MAR 2004
 L1
               1 S ENR(W)50
 L2
               4 S EPOXOL?
 L3
              13 S POLY(W) BD
      FILE 'CAPLUS' ENTERED AT 13:30:02 ON 03 MAR 2004
            2532 S (EPOXIDI!ED OR EPOXIDAT!!#) (5A) (RUBBER# OR ELASTOMER## OR
 L4
 DIE
             563 S ((POLY(W)BD)(5A)(EPOX!?)) OR EPOXYPRENE? OR ENR OR ENR50
 L5
            1117 S (EPOXIDI!ED OR EPOXIDAT!!#) (5A) (FATTY OR FATTYACID# OR
 L6
 GLYCER
             143 S (EPOXIDI!ED OR EPOXIDAT!!#) (5A) (MYRISTOLEIC OR PALMITOLEIC
 L7
ÓR
            5003 S (EPOXIDI!ED OR EPOXIDAT!!#) (5A) (PLANT OR LINSEED OR
 L8
 SAFFLOWER
            5576 S (EPOXIDI!ED OR EPOXIDAT!!#) (5A) (RAPESEED OR CASTOR OR TUNG
1.9
 OR
 L10
              11 S (OCTYLEPOXYTALLATE#) OR (OCTYL(W) EPOXYTALLATE#) OR
 (OCTYLEPOX
             208 S EPOXOL? OR PLASTHALL? OR MONOPLEX? OR VIKOFLEX? OR ECEPOX?
L11
L12
            8617 S L4 OR L5 OR L6 OR L7 OR L8 OR L9 OR L10 OR L11
      FILE 'REGISTRY' ENTERED AT 13:39:41 ON 03 MAR 2004
L13
             125 S NIPOL?
L14
               1 S NIPOL(W) EP
     FILE 'CAPLUS' ENTERED AT 13:41:47 ON 03 MAR 2004
             202 S (NIPOL? OR KRYNAC?) (5A) (COOH OR CARBOXY?)
L15
     FILE 'REGISTRY' ENTERED AT 13:42:29 ON 03 MAR 2004
L16
            134 S HYCAR?
L17
              1 S HYCAR (W) 1072
     FILE 'CAPLUS' ENTERED AT 13:42:51 ON 03 MAR 2004
L18
            618 S HYCAR (5A) (CTBN OR COOH OR CARBOXY?)
     FILE 'REGISTRY' ENTERED AT 13:43:53 ON 03 MAR 2004
L19
             37 S PARAPLEX
L20
              1 S PARAPLEX (W) ((G(W) 60) OR G60)
     FILE 'CAPLUS' ENTERED AT 13:44:39 ON 03 MAR 2004
           7017 S (CARBOXY? OR COOH) (5A) (DIENE# OR BUTADIENE# OR
L21
POLYBUTADIENE#
L22
             26 S (CARBOXY? OR COOH) (5A) (OCTADIENE# OR POLYOCTADIENE#)
          34867 S (CARBOXY? OR COOH) (5A) (RUBBER# OR ELASTOMER## OR OLIGOMER##
L23
Ω
L24
            954 S (EPOXIDI!ED OR EPOXIDAT!!#) (5A) (POLYBUTADIENE# OR
POLYISOPREN
L25
           9070 S L12 OR L24
L26
           9070 S L25 OR ((EPOXIDI!ED OR EPOXIDAT!!#)(5A)PARAPLEX?)
L27
          37112 S L15 OR L18 OR L21 OR L22 OR L23
L28
            314 S L26 AND L27
L29
             16 S L28 AND (TIRE# OR TYRE#)
```

L Number	Hits	Search Text	DB	Time stamp
Number 2	12050	(1221)		
2	12059	near5 (diene or butadiene or	USPAT; US-PGPUB;	2004/03/03 14:05
	7241	polybutadiene or isoprene or polyisoprene or hexadiene or polyhexadiene or cyclohexadiene or polycyclohexadiene or norbornene or ethylidenenorbornene or methylenenorbornene) (carboxy\$3 or carboxylat?\$2 or COOH)	EPO; JPO; DERWENT; IBM_TDB	
		near5 (rubber or elastomer\$2)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/03/03
	9674	near5 (EPDM or isobutene or polyisobutene or butyl or polybutylene or polyisobutylene or halobutyl or	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/03/03 14:08
	20929	chlorobutyl or bromobutyl) (carboxy\$3 or carboxylat?\$2 or COOH) near5 (ethylene or propylene or olefin?\$1 or monoolefin?\$1 or butene or pentene or hexene or octene)	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/03/03
	3979	Nipol\$ or Krynac\$ or Hycar\$ or CTBN	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/03/03 14:10
	46437	((carboxy\$3 or carboxylat?\$2 or COOH) near5 (diene or butadiene or polybutadiene or isoprene or polyisoprene or hexadiene or polyhexadiene or cyclohexadiene or polycyclohexadiene or norbornene or ethylidenenorbornene or	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/03 14:10
		methylenenorbornene)) or ((carboxy\$3 or carboxylat?\$2 or COOH) near5 (rubber or elastomer\$2)) or ((carboxy\$3 or carboxylat?\$2 or COOH) near5 (EPDM or isobutene or polyisobutene or butyl or polybutylene or polyisobutylene or halobutyl or chlorobutyl or bromobutyl)) or ((carboxy\$3 or carboxylat?\$2 or COOH) near5 (ethylene or propylene or olefin?\$1 or monoolefin?\$1 or butene or pentene or hexene or octene)) or (Nipol\$ or Krynac\$ or Hycar\$ or CTBN)		*
		epoxidi?ed or epoxidat??\$1)(5a)(diene or butadiene or polybutadiene or isoprene or polyisoprene or chloroprene or polychloroprene	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/03/03 14:12
		epoxidi?ed or epoxidat??\$1)(5a)(fatty or glyceride or monoglyceride or diglyceride or triglyceride or myristoleic or palmitoleic or oleic or gadoleic or erucic or rinioleic or linoleic or linolenic or arachidonic	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/03 14:15
-	2214720	epoxidi?ed or epoxidat??\$1)(5a)(oil or plant or linseed or safflower or soybean or soyabean or soya or corn or cottonseed or rapeseed or castor or tung or tall or sunflower or olive	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/03/03 14:17
	128	octylepoxytallate or (octyl adj epoxytallate) or (octylepoxy adj tallate) or (octyl adj epoxy adj tallate)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/03/03 14:17

	4460	T		
12	1169	Epoxol\$ or Paraplex\$ or Plasthall\$ or	USPAT;	2004/03/03
		Monoplex\$ or Vikoplex\$ or Ecepox\$ or	US-PGPUB;	14:24
		((Poly adj BD) near5 (epoxidi?ed or	EPO; JPO;	
		epox?dat??\$)) or Epoxyprene\$ or (ENR adj "50") or ENR50	DERWENT;	
13	2477954	(epoxidi?ed or epoxidat??\$1)(5a)(diene or	IBM_TDB USPAT;	2004/02/02
		butadiene or polybutadiene or isoprene or	US-PGPUB;	2004/03/03 14:26
		polyisoprene or chloroprene or	EPO; JPO;	14.20
		polychloroprene) or (epoxidi?ed or	DERWENT;	
		epoxidat??\$1)(5a)(fatty or glyceride or	IBM TDB	
	•	monoglyceride or diglyceride or	_	
		triglyceride or myristoleic or		
		palmitoleic or oleic or gadoleic or		
	o .	erucic or rinioleic or linoleic or		
		linolenic or arachidonic) or (epoxidi?ed		- 8 -
		or epoxidat??\$1) (5a) (oil or plant or		
		linseed or safflower or soybean or		
		soyabean or soya or corn or cottonseed or rapeseed or castor or tung or tall or		
· ]		sunflower or olive) or (octylepoxytallate		
		or (octyl adj epoxytallate) or		<b> </b> .
		(octylepoxy adj tallate) or (octyl adj		
-		epoxy adj tallate)) or (Epoxol\$ or		
		Paraplex\$ or Plasthall\$ or Monoplex\$ or		
		Vikoplex\$ or Ecepox\$ or ((Poly adj BD)		·
		near5 (epoxidi?ed or epox?dat??\$)) or		
·		Epoxyprene\$ or (ENR adj "50") or ENR50)	0.0	
14	33903	(((carboxy\$3 or carboxylat?\$2 or COOH)	USPAT;	2004/03/03
		near5 (diene or butadiene or	US-PGPUB;	14:26
		polybutadiene or isoprene or polyisoprene	EPO; JPO;	•
		or hexadiene or polyhexadiene or	DERWENT;	
		cyclohexadiene or polycyclohexadiene or norbornene or ethylidenenorbornene or	IBM_TDB	
. 1		methylenenorbornene)) or ((carboxy\$3 or		
-		carboxylat?\$2 or COOH) near5 (rubber or		
		elastomer\$2)) or ((carboxy\$3 or		
		carboxylat?\$2 or COOH) near5 (EPDM or		
		isobutene or polyisobutene or butyl or		
ļ		polybutylene or polyisobutylene or		,
_	<i>*</i> .	halobutyl or chlorobutyl or bromobutyl))		
		or ((carboxy\$3 or carboxylat?\$2 or COOH)		
.		near5 (ethylene or propylene or olefin?\$1	. *	
		or monoolefin?\$1 or butene or pentene or		
		hexene or octene)) or (Nipol\$ or Krynac\$		
	i	or Hycar\$ or CTBN)) and ((epoxidi?ed or	]	÷
	İ	epoxidat??\$1)(5a)(diene or butadiene or polybutadiene or isoprene or polyisoprene		
		or chloroprene or polychloroprene) or		
	İ	(epoxidi?ed or epoxidat??\$1)(5a)(fatty or		· ·
		glyceride or monoglyceride or diglyceride		
. 1		or triglyceride or myristoleic or		
	ļ	palmitoleic or oleic or gadoleic or	ļ	
1		erucic or rinioleic or linoleic or		
		linolenic or arachidonic) or (epoxidi?ed		
ŀ		or epoxidat??\$1)(5a)(oil or plant or		
İ		linseed or safflower or soybean or		
		soyabean or soya or corn or cottonseed or		
. 1		rapeseed or castor or tung or tall or		
		sunflower or olive) or (octylepoxytallate or (octyl adj epoxytallate) or		
		(octylepoxy adj tallate) or (octyl adj		
		epoxy adj tallate) or (octyl adj epoxy adj tallate)) or (Epoxol\$ or		
İ		Paraplex\$ or Plasthall\$ or Monoplex\$ or		•
		Vikoplex\$ or Ecepox\$ or ((Poly adj BD)	.48.	
l		<pre>near5 (epoxidi?ed or epox?dat??\$)) or</pre>	,	
		Epoxyprene\$ or (ENR adj "50") or ENR50))		•
		, == ========		

near5 (diene or butadiene or polyisoprene of polybutadiene or isoprene or polyjevenene or cyclohexadiene or polyhexadiene or cyclohexadiene or polycyclohexadiene or norbornene or methylenenorbornene) or ((carboxy\$3 or carboxylat?\$2 or COOH) near5 (rubber or elastomer\$2)) or ((carboxy\$3 or carboxylat?\$2 or COOH) near5 (EDDM or isobutene or polyisobutuylene or butyl or polybutylene or polyisobutylene or halobutyl or chlorobutyl or bromobutyl)) or ((carboxy\$3 or carboxylat?\$2 or COOH) near5 (ethylene or propylene or olefin?\$1 or monoolefin?\$1 or monoolefin?\$1 or butene or pentene or hexene or octene)) or (Nipol\$ or Krynac\$ or Hycar\$ or CTBN)) and ((epoxidi?ed or epoxidat??\$1)(5a)(diene or butadiene or polybutadiene or isoprene or polysoprene or chloroprene or polychloroprene) or (epoxidi?ed or epoxidat??\$1)(5a)(diene or butadiene or glyceride or monoglyceride or diglyceride or triglyceride or monoglyceride or diglyceride or polychloroprene) or (epoxidi?ed or epoxidat??\$1)(5a) (diene or butadiene or palmitoleic or oleic or gadoleic or erucic or rinioleic or linoleic or sysbean or soyaean or soyaean or soyaean or soyaean or cottonseed or rapeseed or castor or tung or tall or sunflower or olive) or (octylepoxytallate or (octyl adj epoxytallate) or (octyl adj epoxytadj tallate) or (Epoxof) or Paraplex\$ or Plasthall\$ or Monoplex\$ or Vikoplex\$ or Ecepox\$ or ((Poly adj BD) near5 (epoxidi?ed or epox/dat??\$)) or Epoxyprene\$ or (ENR adj "50") or ENR50))) and (tyre or tire)	15	1768	((((carboxy\$3 or carboxylat?\$2 or COOH)	USPAT;	2004/03/03	
polybutadiene or isoprene or polyisoprene of hexadiene or polyhexadiene or cyclohexadiene or polycyclohexadiene or morbornene or ethylidenenorbornene or methylenenorbornene) or ((carboxy\$3 or carboxylat?\$2 or COOH) near5 (rubber or elastomer\$2)) or ((carboxy\$3 or carboxylat?\$2 or COOH) near5 (EPDM or isobutene or polyisobutene or butyl or polybutylene or polyisobutylene or halobutyl or chlorobutyl or bromobutyl) or (carboxy\$3 or carboxylat?\$2 or COOH) near5 (EPDM or isobutene or polyisobutylene or butyl or polybutylene or polyisobutylene or halobutyl or chlorobutyl or bromobutyl) or (carboxy\$3 or carboxylat?\$2 or COOH) near5 (ethylene or propylene or olefin?\$1 or monoolefin?\$1 or butene or pentene or hexene or octene)) or (Nipol\$ or Krynac\$ or Hycar\$ or CTBN)) and ((epoxidi?ed or epoxidat??\$1) (3a) (diene or butadiene or polybutadiene or isoprene or polyisoprene or chloroprene or polychloroprene) or (epoxidi?ed or epoxidat??\$1) (5a) (fatty or glyceride or monoglyceride or diglyceride or triglyceride or myristoleic or palmitoleic or or linoleic or linoleic or linoleic or linoleic or rinoleic or rinoleic or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or soybean or	Į	1 .		i ·		- 00
or hexadiene or polyhexadiene or cyclohexadiene or norbornene or ethylidenenorbornene or methylenenorbornene) or ((carboxy\$3 or carboxylatr\$2 or COOH) near5 (rubber or elastomer\$2)) or ((carboxy\$3 or carboxylatr\$2) or COOH) near5 (BPDM or isobutene or polyisobutene or butyl or polybutylene or polyisobutylene or halobutyl or chlorobutyl or bromobutyl)) or ((carboxy\$3 or carboxylatr\$2 or COOH) near5 (ethylene or propylene or olefin?\$1 or monoolefin?\$1 or butene or pentene or hexene or octene)) or (Nipol\$ or Krynac\$ or Hycar\$ or CTBM)) and ((epoxidi?ed or epoxidat??\$1) (5a) (diene or butadiene or polybutadiene or isoprene or polyisoprene) or (epoxidi?ed or eroxidi?ed or enoxidi?ed o						
cyclohexadiene or polycyclohexadiene or norbornene or ethylidenenorbornene or methylenenorbornene) or (carboxy\$3 or carboxylatr\$2 or COOH) near5 (rubber or elastomer\$2)) or ((carboxy\$3 or carboxylatr\$2 or COOH) near5 (EPDM or isobutene or polyisobutene or butyl or polybutylene or polyisobutylene or butyl or nacifications or (carboxy\$3 or carboxylatr\$2 or COOH) near5 (EPDM or isobutene or polyisobutylene or halobutyl or chlorobutyl or bromobutyl)) or ((carboxy\$3 or carboxylatr\$2 or COOH) near5 (ethylene or propylene or olefinr\$1 or monoolefinr\$3 or or monoolefinr\$3 or or polyisoprene or hexene or octene)) or (Nipol\$ or Krynac\$ or Hycar\$ or CTBN)) and ((epoxidi?ed or epoxidat??\$1) (5a) (diene or butadiene or polybutadiene or isoprene or polyisoprene or (epoxidi?ed or epoxidat??\$1) (5a) (fatty or glyceride or monoglyceride or diglyceride or glyceride or triglyceride or monoglyceride or glyceride or palmitoleic or linoleic or sybean or soybean						
norbornene or ethylidenenorbornene or methylenenorbornene)) or ((carboxy\$3 or carboxylat?\$2 or COOH) near5 (rubber or elastomer\$2)) or ((carboxy\$3 or carboxylat?\$2 or COOH) near5 (EPDM or isobutene or polyisobutene or butyl or polybutylene or polyisobutylene or halobutyl or chlorobutyl or bromobutyl)) or ((carboxy\$3 or carboxylat?\$2 or COOH) near5 (ethylene or propylene or olefin?\$1 or monoolefin?\$1 or butene or pentene or hexene or octene)) or (Nipol\$ or Krynac\$ or Hycar\$ or CTBN)) and ((epoxidi?ed or epoxidat??\$1)(5a)(diene or butadiene or polybutadiene or isoprene or polyisoprene or chloroprene or polychloroprene) or (epoxidi?ed or epoxidat??\$1)(5a)(fatty or glyceride or monoglyceride or diglyceride or triglyceride or myristoleic or palmitoleic or oleic or gadoleic or erucic or rinioleic or linoleic or linolenic or arachidonic) or (epoxidi?ed or epoxidat??\$1)(5a)(oil or plant or linseed or safflower or soybean or soyabean or soya or corn or cottonseed or rapeseed or castor or tung or tall or sunflower or olive) or (octylepoxytallate or (octyl adj epoxytallate) or (octylepoxy adj tallate) or (octyl adj epoxy adj tallate) or (poxol\$ or Paraplex\$ or Plasthall\$ or Monoplex\$ or Vikoplex\$ or Ecepox\$ or ((Poly adj BD) near5 (epoxidi?ed or epox/dat??\$)) or Epoxyprene\$ or (ENR adj "50") or ENR50)))			cyclohexadiene or polycyclohexadiene or		·	
carboxylat?\$2 or COOH) near5 (rubber or elastomer\$2)) or ((carboxy\$3 or carboxylat?\$2 or COOH) near5 (EPDM or isobutene or polyisobutene or butyl or polybutylene or polyisobutylene or halobutyl or chlorobutyl or bromobutyl)) or ((carboxy\$3 or carboxylat?\$2 or COOH) near5 (ethylene or propylene or olefin?\$1 or monoolefin?\$1 or butene or pentene or hexene or octene)) or (Nipol\$ or Krynac\$ or Hycar\$ or CTBN)) and ((epoxidi?ed or epoxidat??\$1) (5a) (diene or butadiene or polybutadiene or isoprene or polyisoprene or chloroprene or polychloroprene) or (epoxidi?ed or epoxidat??\$1) (5a) (fatty or glyceride or monoglyceride or diglyceride or triglyceride or myristoleic or palmitoleic or or erucic or rinioleic or linoleic or linoleic or linolenic or arachidonic) or (epoxidi?ed or epoxidat??\$1) (5a) (oil or plant or linseed or safflower or soybean or soyabean or soya or corn or cottonseed or rapeseed or castor or tung or tall or sunflower or olive) or (octylepoxytallate or (octyl adj epoxy adj tallate) or (Epoxol\$ or Paraplex\$ or Plasthall\$ or Monoplex\$ or Vikoplex\$ or Ecepox\$ or ((Poly adj BD) near5 (epoxidi?ed or epox/dat??\$)) or Epoxyprene\$ or (ENR adj "50") or ENR\$0)))				_		
elastomer\$2)) or ((carboxy\$3 or carboxylat?\$2 or COOH) near5 (EPDM or isobutene or polyisobutene or butyl or polybutylene or polyisobutylene or halobutyl or chlorobutyl or bromobutyl)) or ((carboxy\$3 or carboxylat?\$2 or COOH) near5 (ethylene or propylene or olefin?\$1 or monoolefin?\$1 or butene or pentene or hexene or octene)) or (Nipol\$ or Krynac\$ or Hycar\$ or CTBN)) and ((epoxidi?ed or epoxidat??\$1) (5a) (diene or butadiene or polybutadiene or isoprene or polyisoprene or chloroprene or polychloroprene) or (epoxidi?ed or epoxidat??\$1) (5a) (fatty or glyceride or monoglyceride or diglyceride or triglyceride or myristoleic or palmitoleic or oleic or gadoleic or erucic or rinioleic or linoleic or linolenic or arachidonic) or (epoxidi?ed or epoxidat??\$1) (5a) (oil or plant or linseed or safflower or soybean or soyabean or soya or corn or cottonseed or rapeseed or castor or tung or tall or sunflower or olive) or (octylepoxytallate or (octyl adj epoxytallate) or (octylepoxy adj tallate) or (octyl adj epoxy adj tallate)) or (Epoxol\$ or Paraplex\$ or Plasthall\$ or Monoplex\$ or Vikoplex\$ or Ecepox\$ or ((Poly adj BD) near5 (epoxidi?ed or epox?dat??\$)) or Epoxyprene\$ or (ENR adj "50") or ENR\$0)))			methylenenorbornene)) or ((carboxy\$3 or			
elastomer\$2)) or ((carboxy\$3 or carboxylat?\$2 or COOH) near5 (EPDM or isobutene or polyisobutene or butyl or polybutylene or polyisobutylene or halobutyl or chlorobutyl or bromobutyl)) or ((carboxy\$3 or carboxylat?\$2 or COOH) near5 (ethylene or propylene or olefin?\$1 or monoolefin?\$1 or butene or pentene or hexene or octene)) or (Nipol\$ or Krynac\$ or Hycar\$ or CTBN)) and ((epoxidi?ed or epoxidat??\$1) (5a) (diene or butadiene or polybutadiene or isoprene or polyisoprene or chloroprene or polychloroprene) or (epoxidi?ed or epoxidat??\$1) (5a) (fatty or glyceride or monoglyceride or diglyceride or triglyceride or myristoleic or palmitoleic or oleic or gadoleic or erucic or rinioleic or linoleic or linolenic or arachidonic) or (epoxidi?ed or epoxidat??\$1) (5a) (oil or plant or linseed or safflower or soybean or soyabean or soya or corn or cottonseed or rapeseed or castor or tung or tall or sunflower or olive) or (octylepoxytallate or (octyl adj epoxytallate) or (octylepoxy adj tallate) or (octyl adj epoxy adj tallate)) or (Epoxol\$ or Paraplex\$ or Plasthall\$ or Monoplex\$ or Vikoplex\$ or Ecepox\$ or ((Poly adj BD) near5 (epoxidi?ed or epox?dat??\$)) or Epoxyprene\$ or (ENR adj "50") or ENR\$0)))			carboxylat?\$2 or COOH) near5 (rubber or		1=	
isobutene or polyisobutene or butyl or polybutylene or polyisobutylene or halobutyl or chlorobutyl or bromobutyl)) or ((carboxy\$3 or carboxylat?\$2 or COOH) near5 (ethylene or propylene or olefin?\$1 or monoolefin?\$1 or butene or pentene or hexene or octene)) or (Nipol\$ or Krynac\$ or Hycar\$ or CTBN) and ((epoxidi?ed or epoxidat??\$1) (5a) (diene or butadiene or polybutadiene or isoprene or polyisoprene or chloroprene or polychloroprene) or (epoxidi?ed or epoxidat??\$1) (5a) (fatty or glyceride or monoglyceride or diglyceride or triglyceride or myristoleic or palmitoleic or oleic or gadoleic or erucic or rinioleic or linoleic or linolenic or arachidonic) or (epoxidi?ed or epoxidat??\$1) (5a) (oil or plant or linseed or safflower or soybean or soyabean or soya or corn or cottonseed or rapeseed or castor or tung or tall or sunflower or olive) or (octylepoxytallate or (octyl adj epoxytallate) or (octylepoxy adj tallate) or (octyl adj epoxy adj tallate) or (Epoxol\$ or Paraplex\$ or Plasthall\$ or Monoplex\$ or Vikoplex\$ or Ecepox\$ or ((Poly adj BD) near5 (epoxidi?ed or epox?dat??\$)) or Epoxyprene\$ or (ENR adj "50") or ENR50)))						
polybutylene or polyisobutylene or halobutyl or chlorobutyl or bromobutyl)) or ((carboxy\$3 or carboxylatr\$2 or COOH) near5 (ethylene or propylene or olefinr\$1 or monoolefinr\$1 or butene or pentene or hexene or octene)) or (Nipol\$ or Krynac\$ or Hycar\$ or CTBN)) and ((epoxidired or epoxidatr?\$1)(5a) (diene or butadiene or polybutadiene or isoprene or polyisoprene or chloroprene or polychloroprene) or (epoxidired or epoxidatr?\$1)(5a) (fatty or glyceride or monoglyceride or diglyceride or triglyceride or myristoleic or palmitoleic or oleic or gadoleic or erucic or rinioleic or linoleic or linolenic or arachidonic) or (epoxidired or epoxidatr?\$1)(5a)(oil or plant or linseed or safflower or soybean or soyabean or soya or corn or cottonseed or rapeseed or castor or tung or tall or sunflower or olive) or (octylepoxytallate or (octyl adj epoxytallate) or (octylepoxy adj tallate) or (octyl adj epoxy adj tallate)) or (Epoxol\$ or Paraplex\$ or Plasthall\$ or Monoplex\$ or Vikoplex\$ or Ecepox\$ or ((Poly adj BD) near5 (epoxidired or epox?datr?\$)) or Epoxyprene\$ or (ENR adj "50") or ENR50)))			carboxylat?\$2 or COOH) near5 (EPDM or		· ·	
polybutylene or polyisobutylene or halobutyl or chlorobutyl or bromobutyl)) or ((carboxy\$3 or carboxylatr\$2 or COOH) near5 (ethylene or propylene or olefinr\$1 or monoolefinr\$1 or butene or pentene or hexene or octene)) or (Nipol\$ or Krynac\$ or Hycar\$ or CTBN)) and ((epoxidired or epoxidatr?\$1)(5a) (diene or butadiene or polybutadiene or isoprene or polyisoprene or chloroprene or polychloroprene) or (epoxidired or epoxidatr?\$1)(5a) (fatty or glyceride or monoglyceride or diglyceride or triglyceride or myristoleic or palmitoleic or oleic or gadoleic or erucic or rinioleic or linoleic or linolenic or arachidonic) or (epoxidired or epoxidatr?\$1)(5a)(oil or plant or linseed or safflower or soybean or soyabean or soya or corn or cottonseed or rapeseed or castor or tung or tall or sunflower or olive) or (octylepoxytallate or (octyl adj epoxytallate) or (octylepoxy adj tallate) or (octyl adj epoxy adj tallate)) or (Epoxol\$ or Paraplex\$ or Plasthall\$ or Monoplex\$ or Vikoplex\$ or Ecepox\$ or ((Poly adj BD) near5 (epoxidired or epox?datr?\$)) or Epoxyprene\$ or (ENR adj "50") or ENR50)))			isobutene or polyisobutene or butyl or			
or ((carboxy\$3 or carboxylatr\$\$2 or COOH) near5 (ethylene or propylene or olefin?\$1 or monoolefin?\$1 or butene or pentene or hexene or octene)) or (Nipol\$ or Krynac\$ or Hycar\$ or CTBN)) and ((epoxidi?ed or epoxidat??\$1) (5a) (diene or butadiene or polybutadiene or isoprene or polyisoprene or chloroprene or polychloroprene) or (epoxidi?ed or epoxidat??\$1) (5a) (fatty or glyceride or monoglyceride or diglyceride or triglyceride or myristoleic or palmitoleic or oleic or gadoleic or erucic or rinioleic or linoleic or linolenic or arachidonic) or (epoxidi?ed or epoxidat??\$1) (5a) (oil or plant or linseed or safflower or soybean or soyabean or soya or corn or cottonseed or rapeseed or castor or tung or tall or sunflower or olive) or (octylepoxytallate or (octyl adj epoxytallate) or (octylepoxy adj tallate) or (octyl adj epoxy adj tallate)) or (Epoxol\$ or Paraplex\$ or Plasthall\$ or Monoplex\$ or Vikoplex\$ or Ecepox\$ or ((Poly adj BD) near5 (epoxidi?ed or epox?dat??\$)) or Epoxyprene\$ or (ENR adj "50") or ENR50)))			polybutylene or polyisobutylene or			
or ((carboxy\$3 or carboxylatr\$\$2 or COOH) near5 (ethylene or propylene or olefin?\$1 or monoolefin?\$1 or butene or pentene or hexene or octene)) or (Nipol\$ or Krynac\$ or Hycar\$ or CTBN)) and ((epoxidi?ed or epoxidat??\$1) (5a) (diene or butadiene or polybutadiene or isoprene or polyisoprene or chloroprene or polychloroprene) or (epoxidi?ed or epoxidat??\$1) (5a) (fatty or glyceride or monoglyceride or diglyceride or triglyceride or myristoleic or palmitoleic or oleic or gadoleic or erucic or rinioleic or linoleic or linolenic or arachidonic) or (epoxidi?ed or epoxidat??\$1) (5a) (oil or plant or linseed or safflower or soybean or soyabean or soya or corn or cottonseed or rapeseed or castor or tung or tall or sunflower or olive) or (octylepoxytallate or (octyl adj epoxytallate) or (octylepoxy adj tallate) or (octyl adj epoxy adj tallate)) or (Epoxol\$ or Paraplex\$ or Plasthall\$ or Monoplex\$ or Vikoplex\$ or Ecepox\$ or ((Poly adj BD) near5 (epoxidi?ed or epox?dat??\$)) or Epoxyprene\$ or (ENR adj "50") or ENR50)))			halobutyl or chlorobutyl or bromobutyl))	·		
or monoolefin?\$1 or butene or pentene or hexene or octene) or (Nipol\$ or Krynac\$ or Hycar\$ or CTBN)) and ((epoxidi?ed or epoxidat??\$1)(5a)(diene or butadiene or polybutadiene or isoprene or polyisoprene or chloroprene or polychloroprene) or (epoxidi?ed or epoxidat??\$1)(5a)(fatty or glyceride or monoglyceride or diglyceride or glyceride or monoglyceride or palmitoleic or or palmitoleic or oleic or gadoleic or erucic or rinioleic or linoleic or linolenic or arachidonic) or (epoxidi?ed or epoxidat??\$1)(5a)(oil or plant or linseed or safflower or soybean or soybean or soyabean or soya or corn or cottonseed or rapeseed or castor or tung or tall or sunflower or olive) or (octylepoxytallate or (octyl adj epoxytallate) or (octylepoxy adj tallate) or (octyl adj epoxy adj tallate)) or (Epoxol\$ or Paraplex\$ or Plasthall\$ or Monoplex\$ or Vikoplex\$ or Ecepox\$ or ((Poly adj BD) near5 (epoxidi?ed or epox?dat??\$)) or Epoxyprene\$ or (ENR adj "50") or ENR50)))						
hexene or octene)) or (Nipol\$ or Krynac\$ or Hycar\$ or CTBN)) and ((epoxidi?ed or epoxidat??\$1)(5a)(diene or butadiene or polybutadiene or isoprene or polyisoprene or chloroprene or polychloroprene) or (epoxidi?ed or epoxidat??\$1)(5a)(fatty or glyceride or monoglyceride or diglyceride or triglyceride or myristoleic or palmitoleic or oleic or gadoleic or erucic or rinioleic or linoleic or linolenic or arachidonic) or (epoxidi?ed or epoxidat??\$1)(5a)(oil or plant or linseed or safflower or soybean or soyabean or soya or corn or cottonseed or rapeseed or castor or tung or tall or sunflower or olive) or (octylepoxytallate or (octyl adj epoxytallate) or (octylepoxy adj tallate) or (octyl adj epoxy adj tallate) or (epoxol\$ or Paraplex\$ or Plasthall\$ or Monoplex\$ or Vikoplex\$ or Ecepox\$ or ((Poly adj BD) near5 (epoxidi?ed or epox?dat??\$)) or Epoxyprene\$ or (ENR adj "50") or ENR50)))		1				
or Hycar\$ or CTBN)) and ((epoxidi?ed or epoxidat??\$1) (5a) (diene or butadiene or polybutadiene or isoprene or polyisoprene or chloroprene or polychloroprene) or (epoxidi?ed or epoxidat??\$1) (5a) (fatty or glyceride or monoglyceride or diglyceride or triglyceride or myristoleic or palmitoleic or oleic or gadoleic or erucic or rinioleic or linoleic or linolenic or arachidonic) or (epoxidi?ed or epoxidat??\$1) (5a) (oil or plant or linseed or safflower or soybean or soyabean or soyabean or soyabean or soyabean or soyabean or cortno or cottonseed or rapeseed or castor or tung or tall or sunflower or olive) or (octylepoxytallate or (octyl adj epoxytallate) or (octylepoxy adj tallate) or (octyl adj epoxy adj tallate) or (octyl adj epoxy adj tallate) or (play adj BD) near5 (epoxidi?ed or epox?dat??\$)) or Epoxyprene\$ or (ENR adj "50") or ENR50)))			or monoolefin?\$1 or butene or pentene or			
epoxidat??\$1) (5a) (diene or butadiene or polybutadiene or isoprene or polyisoprene or chloroprene or polychloroprene) or (epoxidi?ed or epoxidat??\$1) (5a) (fatty or glyceride or monoglyceride or diglyceride or triglyceride or myristoleic or palmitoleic or oleic or gadoleic or erucic or rinioleic or linoleic or linolenic or arachidonic) or (epoxidi?ed or epoxidat??\$1) (5a) (oil or plant or linseed or safflower or soybean or soyabean or soya or corn or cottonseed or rapeseed or castor or tung or tall or sunflower or olive) or (octylepoxytallate or (octyl adj epoxytallate) or (octylepoxy adj tallate) or (octyl adj epoxy adj tallate)) or (Epoxol\$ or Paraplex\$ or Plasthall\$ or Monoplex\$ or Vikoplex\$ or Ecepox\$ or (Poly adj BD) near5 (epoxidi?ed or epox?dat??\$)) or Epoxyprene\$ or (ENR adj "50") or ENR50)))			hexene or octene)) or (Nipol\$ or Krynac\$			
polybutadiene or isoprene or polyisoprene or chloroprene or polychloroprene) or (epoxidi?ed or epoxidat??\$1)(5a)(fatty or glyceride or monoglyceride or diglyceride or triglyceride or myristoleic or palmitoleic or oleic or gadoleic or erucic or rinioleic or linoleic or linoleic or linolenic or arachidonic) or (epoxidi?ed or epoxidat??\$1)(5a)(oil or plant or linseed or safflower or soybean or soyabean or soyabean or soyabean or tung or tall or sunflower or olive) or (octylepoxytallate or (octyl adj epoxytallate) or (octylepoxy adj tallate) or (octyl adj epoxy adj tallate) or (ply adj epoxy adj tallate) or (ply adj epoxy adj tallate) or (ply adj epoxytallate) or			or Hycar\$ or CTBN)) and ((epoxidi?ed or			
polybutadiene or isoprene or polyisoprene or chloroprene or polychloroprene) or (epoxidi?ed or epoxidat??\$1)(5a)(fatty or glyceride or monoglyceride or diglyceride or triglyceride or myristoleic or palmitoleic or oleic or gadoleic or erucic or rinioleic or linoleic or linoleic or linolenic or arachidonic) or (epoxidi?ed or epoxidat??\$1)(5a)(oil or plant or linseed or safflower or soybean or soyabean or soyabean or soyabean or tung or tall or sunflower or olive) or (octylepoxytallate or (octyl adj epoxytallate) or (octylepoxy adj tallate) or (octyl adj epoxy adj tallate) or (ply adj epoxy adj tallate) or (ply adj epoxy adj tallate) or (ply adj epoxytallate) or			epoxidat??\$1)(5a)(diene or butadiene or			.
(epoxidi?ed or epoxidat??\$1)(5a)(fatty or glyceride or monoglyceride or diglyceride or triglyceride or myristoleic or palmitoleic or oleic or gadoleic or erucic or rinioleic or linoleic or linoleic or linoleic or linolenic or arachidonic) or (epoxidi?ed or epoxidat??\$1)(5a)(oil or plant or linseed or safflower or soybean or soyabean or soyabean or soyabean or soyabean or rapeseed or castor or tung or tall or sunflower or olive) or (octylepoxytallate or (octyl adj epoxytallate) or (octylepoxy adj tallate) or (octyl adj epoxy adj tallate)) or (Epoxol\$ or Paraplex\$ or Plasthall\$ or Monoplex\$ or Vikoplex\$ or Ecepox\$ or (Poly adj BD) near5 (epoxidi?ed or epox?dat??\$)) or Epoxyprene\$ or (ENR adj "50") or ENR50)))			polybutadiene or isoprene or polyisoprene			
glyceride or monoglyceride or diglyceride or triglyceride or myristoleic or palmitoleic or oleic or gadoleic or erucic or rinioleic or linoleic or linoleic or linolenic or arachidonic) or (epoxidi?ed or epoxidat??\$1) (5a) (oil or plant or linseed or safflower or soybean or soyabean or soya or corn or cottonseed or rapeseed or castor or tung or tall or sunflower or olive) or (octylepoxytallate or (octyl adj epoxytallate) or (octylepoxy adj tallate) or (octyl adj epoxy adj tallate) or (epoxol\$ or Paraplex\$ or Plasthall\$ or Monoplex\$ or Vikoplex\$ or Ecepox\$ or (Poly adj BD) near5 (epoxidi?ed or epox?dat??\$)) or Epoxyprene\$ or (ENR adj "50") or ENR50)))						
or triglyceride or myristoleic or palmitoleic or oleic or gadoleic or erucic or rinioleic or linoleic or linolenic or arachidonic) or (epoxidi?ed or epoxidat??\$1) (5a) (oil or plant or linseed or safflower or soybean or soyabean or soya or corn or cottonseed or rapeseed or castor or tung or tall or sunflower or olive) or (octylepoxytallate or (octyl adj epoxytallate) or (octylepoxy adj tallate) or (octyl adj epoxy adj tallate)) or (Epoxol\$ or Paraplex\$ or Plasthall\$ or Monoplex\$ or Vikoplex\$ or Ecepox\$ or ((Poly adj BD) near5 (epoxidi?ed or epox?dat??\$)) or Epoxyprene\$ or (ENR adj "50") or ENR50)))			(epoxidi?ed or epoxidat??\$1)(5a)(fatty or	9		
palmitoleic or oleic or gadoleic or erucic or rinioleic or linoleic or linolenic or arachidonic) or (epoxidi?ed or epoxidat??\$1) (5a) (oil or plant or linseed or safflower or soybean or soyabean or soya or corn or cottonseed or rapeseed or castor or tung or tall or sunflower or olive) or (octylepoxytallate or (octyl adj epoxytallate) or (octylepoxy adj tallate) or (octyl adj epoxy adj tallate)) or (Epoxol\$ or Paraplex\$ or Plasthall\$ or Monoplex\$ or Vikoplex\$ or Ecepox\$ or ((Poly adj BD) near5 (epoxidi?ed or epox?dat??\$)) or Epoxyprene\$ or (ENR adj "50") or ENR50)))			glyceride or monoglyceride or diglyceride		0	
erucic or rinioleic or linoleic or linolenic or arachidonic) or (epoxidi?ed or epoxidat??\$1) (5a) (oil or plant or linseed or safflower or soybean or soyabean or soyabean or soyabean or soyabean or tung or tall or rapeseed or castor or tung or tall or sunflower or olive) or (octylepoxytallate or (octyl adj epoxytallate) or (octylepoxy adj tallate) or (octyl adj epoxy adj tallate) or (octyl adj epoxy adj tallate)) or (Epoxol\$ or Paraplex\$ or Plasthall\$ or Monoplex\$ or Vikoplex\$ or Ecepox\$ or ((Poly adj BD) near5 (epoxidi?ed or epox?dat??\$)) or Epoxyprene\$ or (ENR adj "50") or ENR50)))		,			N.	
linolenic or arachidonic) or (epoxidi?ed or epoxidat??\$1)(5a)(oil or plant or linseed or safflower or soybean or soyabean or soyabean or corn or cottonseed or rapeseed or castor or tung or tall or sunflower or olive) or (octylepoxytallate or (octyl adj epoxytallate) or (octylepoxy adj tallate) or (octyl adj epoxy adj tallate) or (octyl adj epoxy adj tallate)) or (Epoxol\$ or Paraplex\$ or Plasthall\$ or Monoplex\$ or Vikoplex\$ or Ecepox\$ or ((Poly adj BD) near5 (epoxidi?ed or epox?dat??\$)) or Epoxyprene\$ or (ENR adj "50") or ENR50)))			palmitoleic or oleic or gadoleic or	100		
or epoxidat??\$1) (5a) (oil or plant or linseed or safflower or soybean or soyabean or soyabean or soyabean or cottonseed or rapeseed or castor or tung or tall or sunflower or olive) or (octylepoxytallate or (octyl adj epoxytallate) or (octylepoxy adj tallate) or (octyl adj epoxy adj tallate) or (octyl adj epoxy adj tallate)) or (Epoxol\$ or Paraplex\$ or Plasthall\$ or Monoplex\$ or Vikoplex\$ or Ecepox\$ or (Poly adj BD) near5 (epoxidi?ed or epox?dat??\$)) or Epoxyprene\$ or (ENR adj "50") or ENR50)))						
linseed or safflower or soybean or soyabean or soya or corn or cottonseed or rapeseed or castor or tung or tall or sunflower or olive) or (octylepoxytallate or (octyl adj epoxytallate) or (octylepoxy adj tallate) or (octyl adj epoxy adj tallate)) or (Epoxol\$ or Paraplex\$ or Plasthall\$ or Monoplex\$ or Vikoplex\$ or Ecepox\$ or ((Poly adj BD) near5 (epoxidi?ed or epox?dat??\$)) or Epoxyprene\$ or (ENR adj "50") or ENR50)))			linolenic or arachidonic) or (epoxidi?ed			
linseed or safflower or soybean or soyabean or soya or corn or cottonseed or rapeseed or castor or tung or tall or sunflower or olive) or (octylepoxytallate or (octyl adj epoxytallate) or (octylepoxy adj tallate) or (octyl adj epoxy adj tallate)) or (Epoxol\$ or Paraplex\$ or Plasthall\$ or Monoplex\$ or Vikoplex\$ or Ecepox\$ or ((Poly adj BD) near5 (epoxidi?ed or epox?dat??\$)) or Epoxyprene\$ or (ENR adj "50") or ENR50)))			or epoxidat??\$1)(5a)(oil or plant or			
soyabean or soya or corn or cottonseed or rapeseed or castor or tung or tall or sunflower or olive) or (octylepoxytallate or (octyl adj epoxytallate) or (octylepoxy adj tallate) or (octyl adj epoxy adj tallate) or (epoxols or Paraplexs or Plasthalls or Monoplexs or Vikoplexs or Ecepoxs or ((Poly adj BD) near5 (epoxidi?ed or epox?dat??\$)) or Epoxyprenes or (ENR adj "50") or ENR50)))			linseed or safflower or soybean or			
rapeseed or castor or tung or tall or sunflower or olive) or (octylepoxytallate or (octyl adj epoxytallate) or (octylepoxy adj tallate) or (octyl adj epoxy adj tallate)) or (Epoxol\$ or Paraplex\$ or Plasthall\$ or Monoplex\$ or Vikoplex\$ or Ecepox\$ or ((Poly adj BD) near5 (epoxidi?ed or epox?dat??\$)) or Epoxyprene\$ or (ENR adj "50") or ENR50)))			soyabean or soya or corn or cottonseed or			
sunflower or olive) or (octylepoxytallate or (octyl adj epoxytallate) or (octylepoxy adj tallate) or (octyl adj epoxy adj tallate)) or (Epoxol\$ or Paraplex\$ or Plasthall\$ or Monoplex\$ or Vikoplex\$ or Ecepox\$ or ((Poly adj BD) near5 (epoxidi?ed or epox?dat??\$)) or Epoxyprene\$ or (ENR adj "50") or ENR50)))			rapeseed or castor or tung or tall or		,	
or (octyl adj epoxytallate) or (octylepoxy adj tallate) or (octyl adj epoxy adj tallate)) or (Epoxol\$ or Paraplex\$ or Plasthall\$ or Monoplex\$ or Vikoplex\$ or Ecepox\$ or ((Poly adj BD) near5 (epoxidi?ed or epox?dat??\$)) or Epoxyprene\$ or (ENR adj "50") or ENR50)))			sunflower or olive) or (octylepoxytallate			
epoxy adj tallate)) or (Epoxol\$ or Paraplex\$ or Plasthall\$ or Monoplex\$ or Vikoplex\$ or Ecepox\$ or ((Poly adj BD) near5 (epoxidi?ed or epox?dat??\$)) or Epoxyprene\$ or (ENR adj "50") or ENR50)))			or (octyl adj epoxytallate) or			
epoxy adj tallate)) or (Epoxol\$ or Paraplex\$ or Plasthall\$ or Monoplex\$ or Vikoplex\$ or Ecepox\$ or ((Poly adj BD) near5 (epoxidi?ed or epox?dat??\$)) or Epoxyprene\$ or (ENR adj "50") or ENR50)))		1	(octylepoxy adj tallate) or (octyl adj			
Vikoplex\$ or Ecepox\$ or ((Poly adj BD) near5 (epoxidi?ed or epox?dat??\$)) or Epoxyprene\$ or (ENR adj "50") or ENR50)))			epoxy adj tallate)) or (Epoxol\$ or		2	
near5 (epoxidi?ed or epox?dat??\$)) or Epoxyprene\$ or (ENR adj "50") or ENR50)))		*				
Epoxyprene\$ or (ENR adj "50") or ENR50)))			Vikoplex\$ or Ecepox\$ or ((Poly adj BD)		• .	
			near5 (epoxidi?ed or epox?dat??\$)) or		•	ļ
and (tyre or tire)		1				
			and (tyre or tire)	<u> </u>	,	

16	15843	(((carboxy\$3 or carboxylat?\$2 or COOH)	USPAT;	2004/03/03
		near5 (diene or butadiene or	US-PGPUB;	14:27
		polybutadiene or isoprene or polyisoprene	EPO; JPO;	
		or hexadiene or polyhexadiene or	DERWENT;	
		cyclohexadiene or polycyclohexadiene or	IBM TDB	
		norbornene or ethylidenenorbornene or		
		methylenenorbornene)) or ((carboxy\$3 or		
ļ		carboxylat?\$2 or COOH) near5 (rubber or		[
		elastomer\$2)) or ((carboxy\$3 or		-
		carboxylat?\$2 or COOH) near5 (EPDM or		
	•	isobutene or polyisobutene or butyl or		
		polybutylene or polyisobutylene or		
		halobutyl or chlorobutyl or bromobutyl))		
- 1		or ((carboxy\$3 or carboxylat?\$2 or COOH)	·	'
		near5 (ethylene or propylene or olefin?\$1	* .	
	· ·	or monoolefin?\$1 or butene or pentene or		
		hexene or octene)) or (Nipol\$ or Krynac\$		
		or Hycar\$ or CTBN)) with ((epoxidi?ed or		
	•	epoxidat??\$1)(5a)(diene or butadiene or		
		polybutadiene or isoprene or polyisoprene		
	,	or chloroprene or polychloroprene) or	· ·	
	-1	(epoxidi?ed or epoxidat??\$1)(5a)(fatty or		
		glyceride or monoglyceride or diglyceride	- 0	-
Ì		or triglyceride or myristoleic or		
		palmitoleic or oleic or gadoleic or		
.		erucic or rinioleic or linoleic or		. *
		linolenic or arachidonic) or (epoxidi?ed		
		or epoxidat??\$1)(5a)(oil or plant or		
		linseed or safflower or soybean or		-
		soyabean or soya or corn or cottonseed or		
·		rapeseed or castor or tung or tall or		
		sunflower or olive) or (octylepoxytallate		
	,	or (octyl adj epoxytallate) or	`	
		(octylepoxy adj tallate) or (octyl adj		
		epoxy adj tallate)) or (Epoxol\$ or		·
		Paraplex\$ or Plasthall\$ or Monoplex\$ or		
		Vikoplex\$ or Ecepox\$ or ((Poly adj BD)		į l
	,	near5 (epoxidi?ed or epox?dat??\$)) or		
		Epoxyprene\$ or (ENR adj "50") or ENR50))	, .	

·	82	((tire or tyre) near15 (((carboxy\$3 or carboxylat?\$2 or COOH) near5 (diene or	USPAT; US-PGPUB;	2004/03/03 14:46
		,, <u>2</u> ,,		
		butadiene or polybutadiene or isoprene or	EPO; JPO;	. 2
		polyisoprene or hexadiene or		
			DERWENT;	
		polyhexadiene or cyclohexadiene or	IBM_TDB	1.
	ļ	polycyclohexadiene or norbornene or		
	•	ethylidenenorbornene or		
		methylenenorbornene)) or ((carboxy\$3 or		•
		carboxylat?\$2 or COOH) near5 (rubber or		
				×
		elastomer\$2)) or ((carboxy\$3 or		
		carboxylat?\$2 or COOH) near5 (EPDM or		
		isobutene or polyisobutene or butyl or		
		polybutylene or polyisobutylene or		
		halobutyl or chlorobutyl or bromobutyl))		
		or ((carboxy\$3 or carboxylat?\$2 or COOH)	i	
		near5 (ethylene or propylene or olefin?\$1		
			-):	
		or monoolefin?\$1 or butene or pentene or		
		hexene or octene)) or (Nipol\$ or Krynac\$	100	ļ .
		or Hycar\$ or CTBN))) and ((tire or tyre)		1
		near15 ((epoxidi?ed or		
1		epoxidat??\$1) (5a) (diene or butadiene or		1
				1
θ .		polybutadiene or isoprene or polyisoprene		
		or chloroprene or polychloroprene) or	1	
.		(epoxidi?ed or epoxidat??\$1)(5a)(fatty or	1	
	:	glyceride or monoglyceride or diglyceride	*	
	ļ	or triglyceride or myristoleic or		
1		nolmitologia on ologia on godeleda en	* 1	
		palmitoleic or oleic or gadoleic or	1	,
		erucic or rinioleic or linoleic or		
		linolenic or arachidonic) or (epoxidi?ed		1
•		or epoxidat??\$1)(5a)(oil or plant or		l
	. ]	linseed or safflower or soybean or		l
ļ		soyabean or soya or corn or cottonseed or		l
1				l
i		rapeseed or castor or tung or tall or		l
		sunflower or olive) or (octylepoxytallate		ĺ
	·	or (octyl adj epoxytallate) or		ĺ
		(octylepoxy adj tallate) or (octyl adj		
1		epoxy adj tallate)) or (Epoxol\$ or		
ŀ		Paraplex\$ or Plasthall\$ or Monoplex\$ or		1
		Vikonlove on Econove on //Delu add DD)		1
		Vikoplex\$ or Ecepox\$ or ((Poly adj BD)	,	İ
		<pre>near5 (epoxidi?ed or epox?dat??\$)) or</pre>		
		Epoxyprene\$ or (ENR adj "50") or ENR50)))	,	
		and ((((carboxy\$3 or carboxylat?\$2 or	ı İ	
ĺ		COOH) near5 (diene or butadiene or	-42	
				i
		polybutadiene or isoprene or polyisoprene	ļ	Į
.		or hexadiene or polyhexadiene or		
		cyclohexadiene or polycyclohexadiene or	G	
		norbornene or ethylidenenorbornene or		
		methylenenorbornene)) or ((carboxy\$3 or		
l				
į.	•	carboxylat?\$2 or COOH) near5 (rubber or		
İ		elastomer\$2)) or ((carboxy\$3 or		
		carboxylat?\$2 or COOH) near5 (EPDM or	, · ·	
		isobutene or polyisobutene or butyl or		
-	İ	polybutylene or polyisobutylene or		
- 1		halobutyl or chlorobutyl or bromobutyl))		
			į	
	-	or ((carboxy\$3 or carboxylat?\$2 or COOH)		
	1	near5 (ethylene or propylene or olefin?\$1	*.	
		or monoolefin?\$1 or butene or pentene or	·	
i		hexene or octene)) or (Nipol\$ or Krynac\$		
		or Hycar\$ or CTBN)) with ((epoxidi?ed or		
		epoxidat??\$1) (5a) (diene or butadiene or		
	ļ			
- 1	İ	polybutadiene or isoprene or polyisoprene		
ŀ	1	or chloroprene or polychloroprene) or		
		(epoxidi?ed or epoxidat??\$1)(5a)(fatty or		
	ļ	glyceride or monoglyceride or diglyceride	İ	
	İ	or triglyceride or myristoleic or	0	•
Í		palmitoloid on claim on mad-1-4		
	.	palmitoleic or oleic or gadoleic or		
		erucic or rinioleic or linoleic or		
ļ	l	linolenic or arachidonic) or (epoxidi?ed		
1	i.	or epoxidat??\$1) (5a) (oil or plant or	0	ř
i		linseed or safflower or soybean or		•
	1.5	compose or satisfamet of someon or		
		soyabean or soya or corn or cottonseed or		*
ļ	i	rapeseed or castor or tung or tall or	1	
ch His	tory	gynflawer.gr glive) or (petvlepoxytallate	•	
CII LIR	cory 3	or (octyl adj epoxytaflate) or	1	
		(octylepoxy adj tallate) or (octyl adj	9.	

18	288	((((tire or tyre) near15 (((carboxy\$3 or carboxylat?\$2 or COOH) near5 (diene or butadiene or polybutadiene or isoprene or polyisoprene or hexadiene or	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/03/03 14:48
* .		polyhexadiene or cyclohexadiene or polycyclohexadiene or norbornene or ethylidenenorbornene or	IBM_TDB	
		<pre>methylenenorbornene)) or ((carboxy\$3 or carboxylat?\$2 or COOH) near5 (rubber or elastomer\$2)) or ((carboxy\$3 or carboxylat?\$2 or COOH) near5 (EPDM or</pre>		
		isobutene or polyisobutene or butyl or polybutylene or polyisobutylene or halobutyl or bromobutyl))		~ · · · ·
		or ((carboxy\$3 or carboxylat?\$2 or COOH) near5 (ethylene or propylene or olefin?\$1 or monoolefin?\$1 or butene or pentene or hexene or octene)) or (Nipol\$ or Krynac\$ or Hycar\$ or CTBN)) or ((tire or tyre)		
		near15 ((epoxidi?ed or epoxidat??\$1)(5a)(diene or butadiene or polybutadiene or isoprene or polyisoprene or chloroprene or polychloroprene) or		
		(epoxidi?ed or epoxidat??\$1)(5a)(fatty or glyceride or monoglyceride or diglyceride or triglyceride or myristoleic or palmitoleic or oleic or gadoleic or	*	
		erucic or rinioleic or linoleic or linolenic or arachidonic) or (epoxidi?ed or epoxidat??\$1)(5a)(oil or plant or linseed or safflower or soybean or	,	
		soyabean or soya or corn or cottonseed or rapeseed or castor or tung or tall or sunflower or olive) or (octylepoxytallate or (octyl adj epoxytallate) or		
		(octylepoxy adj tallate) or (octyl adj epoxy adj tallate)) or (Epoxol\$ or Paraplex\$ or Plasthall\$ or Monoplex\$ or Vikoplex\$ or Ecepox\$ or ((Poly adj BD)		7 .
		near5 (epoxidi?ed or epox?dat??\$)) or Epoxyprene\$ or (ENR adj "50") or ENR50)))) and ((((carboxy\$3 or carboxylat?\$2 or COOH) near5 (diene or		<b>:</b> ·
		butadiene or polybutadiene or isoprene or polyisoprene or hexadiene or polyhexadiene or cyclohexadiene or polycyclohexadiene or norbornene or ethylidenenorbornene or		
	•(0	methylenenorbornene)) or ((carboxy\$3 or carboxylat?\$2 or COOH) near5 (rubber or elastomer\$2)) or ((carboxy\$3 or carboxylat?\$2 or COOH) near5 (EPDM or		·
		isobutene or polyisobutene or butyl or polybutylene or polyisobutylene or halobutyl or chlorobutyl or bromobutyl)) or ((carboxy\$3 or carboxylat?\$2 or COOH) near5 (ethylene or propylene or olefin?\$1		
		or monoolefin?\$1 or butene or pentene or hexene or octene)) or (Nipol\$ or Krynac\$ or Hycar\$ or CTBN)) with ((epoxidi?ed or epoxidat??\$1)(5a)(diene or butadiene or		
· .		polybutadiene or isoprene or polyisoprene or chloroprene or polychloroprene) or (epoxidi?ed or epoxidat??\$1)(5a)(fatty or glyceride or monoglyceride or diglyceride		
		or triglyceride or myristoleic or palmitoleic or oleic or gadoleic or erucic or rinioleic or linoleic or linolenic or arachidonic) or (epoxidi?ed or epoxidat?251) (5a) (ci) or plant or	-	
eargh Wiston	7	or epoxidat??\$1)(5a)(oil or plant or linseed or safflower or soybean or soyabean or soyabean or cottonseed or or or cottonseed or or or cottonseed or or or cottonseed or or or cottonseed or or or cottonseed or or or cottonseed or or or cottonseed or or or cottonseed or or or cottonseed or or or cottonseed or or or cottonseed or or or cottonseed or or or cottonseed or or or cottonseed or or or cottonseed or or or cottonseed or or or cottonseed or or or cottonseed or or or cottonseed or or or cottonseed or or or cottonseed or or or cottonseed or or or cottonseed or or or cottonseed or or or cottonseed or or or cottonseed or or or cottonseed or or or cottonseed or or or cottonseed or or or cottonseed or or or cottonseed or or or cottonseed or or or cottonseed or or or cottonseed or or or cottonseed or or or cottonseed or or or cottonseed or or or cottonseed or or or cottonseed or or or cottonseed or or or cottonseed or or or cottonseed or or or cottonseed or or or cottonseed or or or cottonseed or or or cottonseed or or or cottonseed or or or cottonseed or or or cottonseed or or or or cottonseed or or or or cottonseed or or or or or or cottonseed or or or or or or or or or or or or or		
earch Histor	у 3	/ <del>japksced or cantor or tung or tall or</del> sunflower or olive) or (octylepoxytallate or (octyl adj epoxytallate) or		

9	264	(((tire or tyre) near15 ((epoxidi?ed or epoxidat??\$1)(5a)(diene or butadiene or	USPAT; US-PGPUB;	2004/03/03 14:50
		polybutadiene or isoprene or polyisoprene	EPO; JPO;	
		or chloroprene or polychloroprene) or	DERWENT;	
		(epoxidi?ed or epoxidat??\$1)(5a)(fatty or	IBM TDB	
		glyceride or monoglyceride or diglyceride	_	
		or triglyceride or myristoleic or		
1		palmitoleic or oleic or gadoleic or		}
		erucic or rinioleic or linoleic or		
-		linolenic or arachidonic) or (epoxidi?ed		
-		or epoxidat??\$1)(5a)(oil or plant or	ļ	
1		linseed or safflower or soybean or		*
ŀ		soyabean or soya or corn or cottonseed or		
		rapeseed or castor or tung or tall or		
Ì		sunflower or olive) or (octylepoxytallate		
ł		or (octyl adj epoxytallate) or	1	
		(octylepoxy adj tallate) or (octyl adj		*
		epoxy adj tallate)) or (Epoxol\$ or		
		Paraplex\$ or Plasthall\$ or Monoplex\$ or		,
*		Vikoplex\$ or Ecepox\$ or ((Poly adj BD)		
		near5 (epoxidi?ed or epox?dat??\$)) or		
		Epoxyprene\$ or (ENR adj "50") or ENR50)))		
	•	and ((((carboxy\$3 or carboxylat?\$2 or		1
		COOH) near5 (diene or butadiene or		
		polybutadiene or isoprene or polyisoprene		
+		or hexadiene or polyhexadiene or		
		cyclohexadiene or polycyclohexadiene or		(1)
		norbornene or ethylidenenorbornene or	1	
		methylenenorbornene)) or ((carboxy\$3 or		
		carboxylat?\$2 or COOH) near5 (rubber or		
Į.		elastomer\$2)) or ((carboxy\$3 or		
		carboxylat?\$2 or COOH) near5 (EPDM or		
1		isobutene or polyisobutene or butyl or	}	
		polybutylene or polyisobutylene or		
		halobutyl or chlorobutyl or bromobutyl))	1	
		or ((carboxy\$3 or carboxylat?\$2 or COOH)		
		near5 (ethylene or propylene or olefin?\$1		
		or monoolefin?\$1 or butene or pentene or		
		hexene or octene)) or (Nipol\$ or Krynac\$	,	
		or Hycar\$ or CTBN)) with ((epoxidi?ed or		1
		epoxidat??\$1)(5a)(diene or butadiene or		
		polybutadiene or isoprene or polyisoprene		
		or chloroprene or polychloroprene) or		
		(epoxidi?ed or epoxidat??\$1)(5a)(fatty or		
		glyceride or monoglyceride or diglyceride		
		or triglyceride or myristoleic or		
		palmitoleic or oleic or gadoleic or		
•		erucic or rinioleic or linoleic or		
		linolenic or arachidonic) or (epoxidi?ed	8	
		or epoxidat??\$1) (5a) (oil or plant or	*	
0.0		linseed or safflower or soybean or		,
1		soyabean or soya or corn or cottonseed or	.V.	
		rapeseed or castor or tung or tall or		
		sunflower or olive) or (octylepoxytallate		
		or (octyl adj epoxytallate) or		
		(octylepoxy adj tallate) or (octyl adj		
1		epoxy adj tallate)) or (Epoxol\$ or		1
		Paraplex\$ or Plasthall\$ or Monoplex\$ or	. e	
		Vikoplex\$ or Ecepox\$ or ((Poly adj BD)		
		near5 (epoxidi?ed or epox?dat??\$)) or		
		Epoxyprene\$ or (ENR adj "50") or		
1		ENR50)))) not (((tire or tyre) near15		
		(((carboxy\$3 or carboxylat?\$2 or COOH)		
	•	near5 (diene or butadiene or		
		polybutadiene or isoprene or polyisoprene		
		or hexadiene or polyhexadiene or		
İ		cyclohexadiene or polycyclohexadiene or		
		norbornene or ethylidenenorbornene or	1	
		methylenenorbornene)) or ((carboxy\$3 or		
		carboxylat?\$2 or COOH) near5 (rubber or	1	15
		elastomer\$2)) or ((carboxy\$3 or		
.		carboxylat?\$2 or COOH) near5 (EPDM or		
wak II		risebutene or butyl or		
arch Hist	rorA 3	polybutylene or polyisobutylene or		
		halobutyl or chlorobutyl or bromobutyl))		*

•					
т Т	213	(((tire or tyre) near10 ((epoxidi?ed or	USPAT;	2004/03/03	-
′ l	213	epoxidat??\$1) (5a) (diene or butadiene or	US-PGPUB;	14:52	
1		polybutadiene or isoprene or polyisoprene	EPO; JPO;		
1		or chloroprene or polychloroprene) or	DERWENT;		
		(epoxidi?ed or epoxidat??\$1)(5a)(fatty or	IBM TDB	0	
1		glyceride or monoglyceride or diglyceride			
1		or triglyceride or myristoleic or			
		palmitoleic or oleic or gadoleic or		ľ	
		erucic or rinioleic or linoleic or			
		linolenic or arachidonic) or (epoxidi?ed			
		or epoxidat??\$1)(5a)(oil or plant or			
-2-		linseed or safflower or soybean or			
		soyabean or soya or corn or cottonseed or	-		
		rapeseed or castor or tung or tall or	9	χ.	
-		sunflower or olive) or (octylepoxytallate			
1		or (octyl adj epoxytallate) or			
		(octylepoxy adj tallate) or (octyl adj		İ	
		epoxy adj tallate)) or (Epoxol\$ or			
		Paraplex\$ or Plasthall\$ or Monoplex\$ or			
		Vikoplex\$ or Ecepox\$ or ((Poly adj BD)			
		near5 (epoxidi?ed or epox?dat??\$)) or			
		Epoxyprene\$ or (ENR adj "50") or ENR50)))			
		and ((((carboxy\$3 or carboxylat?\$2 or	1		
		COOH) near5 (diene or butadiene or			
		polybutadiene or isoprene or polyisoprene			
į		or hexadiene or polyhexadiene or			
Ì		cyclohexadiene or polycyclohexadiene or	1		
		norbornene or ethylidenenorbornene or	1		
		methylenenorbornene)) or ((carboxy\$3 or	3		
		carboxylat?\$2 or COOH) near5 (rubber or			
		elastomer\$2)) or ((carboxy\$3 or		100	
		carboxylat?\$2 or COOH) near5 (EPDM or	4-		
		isobutene or polyisobutene or butyl or		•	
		polybutylene or polyisobutylene or			
		halobutyl or chlorobutyl or bromobutyl))			
ļ		or ((carboxy\$3 or carboxylat?\$2 or COOH)			
		near5 (ethylene or propylene or olefin?\$1		1.	
		or monoolefin?\$1 or butene or pentene or			
		hexene or octene)) or (Nipol\$ or Krynac\$			
		or Hycar\$ or CTBN)) with ((epoxidi?ed or		4	
		epoxidat??\$1) (5a) (diene or butadiene or			
		polybutadiene or isoprene or polyisoprene	· .		
		or chloroprene or polychloroprene) or		8	
		(epoxidi?ed or epoxidat??\$1)(5a)(fatty or		,	
		glyceride or monoglyceride or diglyceride			
		or triglyceride or myristoleic or			
		palmitoleic or oleic or gadoleic or			
		erucic or rinioleic or linoleic or		,	
		linolenic or arachidonic) or (epoxidi?ed			
		or epoxidat??\$1) (5a) (oil or plant or			
		linseed or safflower or soybean or			
		soyabean or soya or corn or cottonseed or			
		rapeseed or castor or tung or tall or			
		sunflower or olive) or (octylepoxytallate			
	-	or (octyl adj epoxytallate) or			
		(octylepoxy adj tallate) or (octyl adj			
		epoxy adj tallate)) or (Epoxol\$ or	Į.		
		Paraplex\$ or Plasthall\$ or Monoplex\$ or	1	,	
		Vikoplex\$ or Ecepox\$ or ((Poly adj BD)			
		near5 (epoxidi?ed or epox?dat??\$)) or		*	
		Epoxyprene\$ or (ENR adj "50") or			
		ENR50)))) not (((tire or tyre) near15		· .	
		(((carboxy\$3 or carboxylat?\$2 or COOH)			
		near5 (diene or butadiene or	1.		
		polybutadiene or isoprene or polyisoprene	1		
			1	*	
		or hexadiene or polyhexadiene or	1		
		cyclohexadiene or polycyclohexadiene or	1		
		norbornene or ethylidenenorbornene or			
	9	methylenenorbornene)) or ((carboxy\$3 or		*	
		carboxylat?\$2 or COOH) near5 (rubber or			
		elastomer\$2)) or ((carboxy\$3 or			
		carboxylat?\$2 or COOH) near5 (EPDM or			
arch His	story	lissbutene or polyisobutene or butyl or	<del> </del>		
ALCH DIE	TOLY S	/polybūtylėne or polyïsobūtylene or			
		halobutyl or chlorobutyl or bromobutyl))			

	180	(((tire or tyre) near7 ((epoxidi?ed or	USPAT;	2004/03/03
	100	epoxidat??\$1) (5a) (diene or butadiene or	US-PGPUB;	14:52
		polybutadiene or isoprene or polyisoprene	EPO; JPO;	
		or chloroprene or polychloroprene) or	DERWENT;	,
		(epoxidi?ed or epoxidat??\$1)(5a)(fatty or	IBM_TDB	
	Ì	glyceride or monoglyceride or diglyceride	<u> </u>	1
		or triglyceride or myristoleic or		
		palmitoleic or oleic or gadoleic or		
		erucic or rinioleic or linoleic or		
		linolenic or arachidonic) or (epoxidi?ed		-00
		or epoxidat??\$1)(5a)(oil or plant or	]	
		linseed or safflower or soybean or		ł
		soyabean or soya or corn or cottonseed or		
		rapeseed or castor or tung or tall or		
		sunflower or olive) or (octylepoxytallate		
		or (octyl adj epoxytallate) or		
		(octylepoxy adj tallate) or (octyl adj		
	1 .	epoxy adj tallate)) or (Epoxol\$ or		
		Paraplex\$ or Plasthall\$ or Monoplex\$ or		1
		Vikoplex\$ or Ecepox\$ or ((Poly adj BD)		
		near5 (epoxidi?ed or epox?dat??\$)) or	1	
	1	Epoxyprene\$ or (ENR adj "50") or ENR50)))	1	
		and ((((carboxy\$3 or carboxylat?\$2 or	1	
	- 8	COOH) near5 (diene or butadiene or		
		polybutadiene or isoprene or polyisoprene		
	1	or hexadiene or polyhexadiene or		1
	1	cyclohexadiene or polycyclohexadiene or		
	1	norbornene or ethylidenenorbornene or		
	ŀ	methylenenorbornene)) or ((carboxy\$3 or	· ·	
	-	carboxylat?\$2 or COOH) near5 (rubber or		
		elastomer\$2)) or ((carboxy\$3 or		
	-	carboxylat?\$2 or COOH) near5 (EPDM or		(
	.1	isobutene or polyisobutene or butyl or		
		polybutylene or polyisobutylene or	1.	1
		halobutyl or chlorobutyl or bromobutyl))		· ·
		or ((carboxy\$3 or carboxylat?\$2 or COOH)		
		near5 (ethylene or propylene or olefin?\$1	13.1	
	1	or monoolefin?\$1 or butene or pentene or		
		hexene or octene)) or (Nipol\$ or Krynac\$		
	-8-	or Hycar\$ or CTBN)) with ((epoxidi?ed or		
		epoxidat??\$1)(5a)(diene or butadiene or		
		polybutadiene or isoprene or polyisoprene		
		or chloroprene or polychloroprene) or		·
		(epoxidi?ed or epoxidat??\$1)(5a)(fatty or		
		glyceride or monoglyceride or diglyceride		
		or triglyceride or myristoleic or		
		palmitoleic or oleic or gadoleic or		
		erucic or rinioleic or linoleic or		
		linolenic or arachidonic) or (epoxidi?ed		
		or epoxidat??\$1)(5a)(oil or plant or		
		linseed or safflower or soybean or		
	ļ	soyabean or soya or corn or cottonseed or		
		rapeseed or castor or tung or tall or	* .	
		sunflower or olive) or (octylepoxytallate		
		or (octyl adj epoxytallate) or		
		(octylepoxy adj tallate) or (octyl adj	]	
		epoxy adj tallate)) or (Epoxol\$ or		
		Paraplex\$ or Plasthall\$ or Monoplex\$ or		
		Vikoplex\$ or Ecepox\$ or ((Poly adj BD)	100	
	100	near5 (epoxidi?ed or epox?dat??\$)) or		+
		Epoxyprene\$ or (ENR adj "50") or		
		ENR50)))) not (((tire or tyre) near15		
		(((carboxy\$3 or carboxylat?\$2 or COOH)		
		near5 (diene or butadiene or		
		polybutadiene or isoprene or polyisoprene		
		or hexadiene or polyhexadiene or		-
		cyclohexadiene or polycyclohexadiene or		
		norbornene or ethylidenenorbornene or		
		methylenenorbornene)) or ((carboxy\$3 or		
		carboxylat?\$2 or COOH) near5 (rubber or		
		elastomer\$2)) or ((carboxy\$3 or		
•		carboxylat?\$2 or COOH) near5 (EPDM or		
rch Hi	story	lisobutene or polyisobutene or butyl or		
	Tooly	polybutylene or polyisobutylene or		
	1	halobutyl or chlorobutyl or bromobutyl))		
	1	C C	1	1